Project Title	Funding	Strategic Plan Objective	Institution
The mechanism of the maternal infection risk factor for autism	$150,000	Q2.S.A	California Institute of Technology
Single-unit recordings in neurosurgical patients with autism	$56,900	Q2.S.E	California Institute of Technology
Direct recording from autism brains	$120,148	Q2.S.E	California Institute of Technology
CAREER: Dissecting the neural mechanisms for face detection	$0	Q2.Other	California Institute of Technology
Autism and the insula: Genomic and neural circuits	$0	Q2.Other	California Institute of Technology
The computational basis of theory of mind in the human brain	$130,695	Q2.Other	California Institute of Technology
Investigating brain organization and activation in autism at the whole-brain level	$30,000	Q2.Other	California Institute of Technology
Investigating the gut microbiome for novel therapies and diagnostics for autism	$558,136	Q3.S.I	California Institute of Technology
Collaboration of Autism Specialists Training (COAST) Program	$0	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	$0	Q5.Other	California State University Chico Research Foundation
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	$30,800	Q3.S.A	Center for Autism and Related Disorders (CARD)
Validity of the CARD Indirect Functional Analysis.	$45,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building Individualized Education Plans.	$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
Using eLearning to train educational staff to implement paired-choice preference assessments	$66,500	Q4.S.C	Center for Autism and Related Disorders (CARD)
Comparing table based instruction with Ipad instruction in the teaching of receptive labels.	$33,250	Q4.S.C	Center for Autism and Related Disorders (CARD)
The effects of behavioral intervention on neurological measures of working memory	$55,000	Q4.S.F	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify others' knowledge	$13,650	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to deal with jealousy constructively	$22,750	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism self-monitoring skills	$22,400	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to detect deception	$21,000	Q4.L.D	Center for Autism and Related Disorders (CARD)
Design and evaluation of a motion-sensing computer program for teaching children with autism	$23,100	Q4.L.D	Center for Autism and Related Disorders (CARD)
Increasing flexibility in children with autism	$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to identify social saliency: Shifting attention	$14,700	Q4.L.D	Center for Autism and Related Disorders (CARD)
Teaching children with autism to respond to subtle social cues: Desires	$24,500	Q4.L.D	Center for Autism and Related Disorders (CARD)

Project Title	Funding	Strategic Plan Objective	Institution
Response interruption and redirection for stereotypy	$9,800	Q5.L.A	Center for Autism and Related Disorders (CARD)
Randomized trial of a web-based system for building behavior intervention plans	$45,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Validity of a web-based indirect Skills Assessment	$65,500	Q5.L.A	Center for Autism and Related Disorders (CARD)
Evaluation of the effects of web-based support on teacher self-efficacy	$23,100	Q5.L.A	Center for Autism and Related Disorders (CARD)
Improving maintenance procedures in early intensive behavioral intervention (EIBI)	$28,000	Q5.L.C	Center for Autism and Related Disorders (CARD)
Training & research for autism & collaboration in kinesiology	$250,000	Q5.Other	Chico Research Foundation
Functional consequences of disrupted MET signaling	$0	Q4.S.B	Children's Hospital Los Angeles
Autism Treatment Network (ATN) 2011- Children's Hospital Los Angeles	$140,000	Q7.N	Children's Hospital Los Angeles
An open resource for autism iPSCs and their derivatives	$545,118	Q7.D	Children's Hospital of Orange County
Optimization of fidelity procedures for pivotal response training in autism	$186,772	Q5.L.A	Children's Hospital Research Center
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	$138,957	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
Illumina, Inc.	$556,250	Q3.L.B	Illumina, Inc.
Prenatal and neonatal biologic markers for autism	$725,197	Q3.S.C	Kaiser Foundation Research Institute
Prevalence and patterns of medical co-morbidity and healthcare use before ASD diagnoses in children	$149,999	Q3.S.E	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	$1,050,000	Q3.L.D	Kaiser Foundation Research Institute
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	$150,000	Q3.S.C	Kaiser Permanente
Denritic Cell Function in Autism	$26,920	Q2.S.A	MIND Institute
Making Connections: White Matter Malformation in Developmental Disorders Conference	$10,000	Q7.K	National Organization for Disorders of the Corpus Callosum
FMR 1-SLS: Improving fragile X diagnosis using amplification-free single locus ta	$149,176	Q1.S.B	Pacific Biosciences Of California, Inc.
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	$59,734	Q2.S.G	Posit Science Corporation
Examining the efficacy of classroom pivotal response teaching in classroom environments	$655,691	Q4.S.D	Rady Children's Hospital Health Center
Dissecting neural mechanisms integrating multiple inputs in C. elegans	$477,449	Q2.Other	Salk Institute for Biological Studies
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	Salk Institute for Biological Studies

Project Title	Funding	Strategic Plan Objective	Institution
Multimodal imaging of social brain networks in ASD	$148,945	Q2.Other	San Diego State University
Examining connectivity patterns of brain networks participating in social cognition in ASD	$0	Q2.Other	San Diego State University
Linking local activity and functional connectivity in autism	$360,142	Q2.Other	San Diego State University
Thalamocortical connectivity in children and adolescents with ASD-A combined fcMRI and DTI approach	$28,600	Q2.Other	San Diego State University
Developing the autism model of implementation for ASD community providers	$185,333	Q5.L.A	San Diego State University
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	$0	Q5.Other	San Diego State University
Project Surfboard: Sustaining Practicies by Specialists on Autism Spectrum Disorder	$250,000	Q5.Other	San Diego State University
Personnel development to improve services and results for children with disabilities	$299,999	Q5.L.C	San Diego State University Foundation
Transdisciplinary approaches to autism spectrum disorders	$299,930	Q5.Other	San Diego State University Research Foundation
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	$0	Q3.S.E	Sanford Burnham Medical Research Center
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	$249,585	Q5.L.C	San Francisco State University
Collaborative partnerships	$0	Q5.L.C	San Francisco State University
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	$357,724	Q4.L.D	SRI International
Predictors of success in postsecondary STEM education and employment for students with autism	$231,970	Q6.S.A	SRI International
Solid-state patch clamp platform to diagnose autism and screen for effective drug	$196,247	Q1.S.A	Stanford University
Mobilized technology for rapid screening and clinical prioritization of ASD	$63,535	Q1.S.B	Stanford University
A functional near-infrared spectroscopy study of first signs of autism	$67,573	Q1.L.A	Stanford University
A monkey model of naturally occurring low sociability	$222,461	Q1.Other	Stanford University
GABRB3 and placental vulnerability in ASD	$523,820	Q2.S.A	Stanford University
GABRB3 and prenatal immune events leading to autism	$62,500	Q2.S.A	Stanford University
Neurobiology of RAI1, the causal gene for Smith-Magenis syndrome	$62,314	Q2.S.D	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	$337,091	Q2.S.D	Stanford University
Longitudinal MRI study of brain development in fragile X	$748,506	Q2.S.D	Stanford University
Restoring cortical plasticity in a Rett mouse model	$60,000	Q2.S.D	Stanford University
Mesocorticolimbic dopamine circuitry in mouse models of autism	$349,295	Q2.S.D	Stanford University
Characterizing sleep disorders in autism spectrum disorder	$75,107	Q2.S.E	Stanford University
A neuroimaging study of twin pairs with autism	$599,326	Q2.S.G	Stanford University
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	$59,825	Q2.L.B	Stanford University
Face perception: Mapping psychological spaces to neural responses	$0	Q2.Other	Stanford University
Function and dysfunction of neuroligins in synaptic circuits	$450,000	Q2.Other	Stanford University
Role of neurexin in synapse formation and maintenance	$53,942	Q2.Other	Stanford University
Investigating the role of neurexin-1 mutation in autism using human induced neuro	$49,214	Q2.Other	Stanford University
Brain Systems Supporting Learning and Memory in Children with Autism	$173,607	Q2.Other	Stanford University
Frontostriatal synaptic dysfunction in a model of autism	$52,190	Q2.Other	Stanford University
Mathematical cognition in autism: A cognitive and systems neuroscience approach	$610,784	Q2.Other	Stanford University
Structural and functional connectivity of large-scale brain networks in autism	$168,978	Q2.Other	Stanford University
Function of neurexins	$461,977	Q2.Other	Stanford University
Role of CNTNAP2 in neuronal structural development and synaptic transmission	$55,200	Q2.Other	Stanford University
CLARITY: circuit-dynamics and connectivity of autism-related behavior	$248,468	Q2.Other	Stanford University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluri	$180,391	Q4.S.B	Stanford University
16p11.2 deletion mice: Autism-relevant phenotypes and treatment discovery	$200,000	Q4.S.B	Stanford University
Biomarker discovery for low sociability: A monkey model	$62,500	Q4.S.B	Stanford University
Association of cholinergic system dysfunction with autistic behavior in fragile X syndrome: Pharmacologic and imaging probes	$0	Q4.L.A	Stanford University
The role of vasopressin in the social deficits of autism	$235,500	Q4.L.A	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	$53,600	Q4.L.A	Stanford University
Using induced-pluripotent stem cells to study Phelan McDermid Syndrome	$0	Q4.S.B	Stanford University School of Medicine
Leading Excellence for Academic Positions in Special Education (LEAPS)	$249,990	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
A stem cell based platform for identification of common defects in autism spectrum disorders	$0	Q2.S.D	The Scripps Research Institute - California
Cell adhesion molecules in CNS development	$515,850	Q2.Other	The Scripps Research Institute - California
Project CAT (Comprehensive Autism Teaching)	$0	Q5.L.C	Touro University
Use of Real Time Video Feedback to Enhance Special Education Teacher Training	$5,000	Q5.L.C	UCSD
A multidimensional database for the Simons Simplex Collection	$149,396	Q7.Other	Univeristy of California, Los Angeles
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	$316,453	Q2.Other	University of California, Berkeley
Neural mechanisms of tactile sensation in rodent somatosensory cortex	$246,278	Q2.Other	University of California, Berkeley
Neurobehavioral Analysis Core	$130,658	Q1.S.B	University of California, Davis
Development of a prospective video-based measure to identify ASD risk in infancy	$576,204	Q1.S.B	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	$150,000	Q1.S.B	University of California, Davis
Infants at risk of autism: A longitudinal study	$551,100	Q1.L.A	University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	$117,851	Q1.L.A	University of California, Davis
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
Electrophysiological correlates of cognitive control in autism	$127,805	Q1.L.B	University of California, Davis
Analyses of brain structure and connectivity in young children with autism	$222,933	Q1.L.B	University of California, Davis
IL-1beta and IL1RAPL1: Gene-environment interactions regulating synapse density and function in ASD	$28,600	Q2.S.A	University of California, Davis
Project 3: Immune environment interaction and neurodevelopment	$109,725	Q2.S.A	University of California, Davis
Convergence of immune and genetic signaling pathways in autism and schizophrenia	$29,430	Q2.S.A	University of California, Davis
Mechanism of UBE3A imprint in neurodevelopment	$7,869	Q2.S.D	University of California, Davis
The role of MeCP2 in Rett syndrome	$344,213	Q2.S.D	University of California, Davis
Genotype-phenotype relationships in fragile X families	$565,457	Q2.S.D	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Language development in fragile X syndrome	$509,862	Q2.S.D	University of California, Davis
Alteration of Dendrite and Spine Number and Morphology in Human Prefrontal Cortex of Autism	$25,000	Q2.S.D	University of California, Davis
Amygdala connectivity in autism spectrum disorder	$52,580	Q2.L.A	University of California, Davis
Experience and cognitive development in infancy	$0	Q2.Other	University of California, Davis
Synchronous activity in networks of electrically coupled cortical interneurons	$0	Q2.Other	University of California, Davis
Project 4: Calcium signaling defects in autism (Pessah/Lein)	$109,730	Q2.Other	University of California, Davis
The neural substrates of higher-level learning in autism	$221,760	Q2.Other	University of California, Davis
Typical and pathological cellular development of the human amygdala	$369,600	Q2.Other	University of California, Davis
Cellular density and morphology in the autistic temporal human cerebral cortex	$352,346	Q2.Other	University of California, Davis
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$0	Q2.Other	University of California, Davis
Autism risk, prenatal environmental exposures, and pathophysiologic markers	$1,759,913	Q3.S.C	University of California, Davis
The CHARGE study: childhood autism risks from genetics and the environment	$1,151,250	Q3.S.C	University of California, Davis
Environmental exposure unveils mitochondrial dysfunction in autism	$60,000	Q3.S.E	University of California, Davis
UC Davis Center for Children's Environmental Health (CCEH) Bridge	$0	Q3.S.F	University of California, Davis
Gestational metabolic conditions and autism	$77,000	Q3.S.H	University of California, Davis
Gestational exposure questionnaire validation and feasibility study	$20,262	Q3.S.H	University of California, Davis
Defining the underlying biology of gastrointestinal dysfunction in autism	$0	Q3.S.I	University of California, Davis
Project 2: Perinatal epigenetic signature of environmental exposure	$105,416	Q3.S.J	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	$338,560	Q3.S.J	University of California, Davis
Exploring interactions between folate and environmental risk factors for autism	$153,615	Q3.S.J	University of California, Davis
The role of serotonin in social bonding in animal models	$0	Q3.S.K	University of California, Davis
Project 1: Epidemiology and the environment in autism (Hertz-Picciotto)	$158,613	Q3.L.D	University of California, Davis
Effects of chronic intranasal oxytocin	$526,020	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics	$94,331	Q4.S.B	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Preclinical Autism Consortium for Therapeutics (PACT)	$200,894	Q4.S.B	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	$90,713	Q4.S.B	University of California, Davis
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	$200,000	Q4.S.B	University of California, Davis
ACE Network: Intervention effects of intensity and delivery style for toddlers with ASD	$3,118,971	Q4.S.D	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	$253,534	Q4.S.D	University of California, Davis
Identifying markers for treatment response to cognitive training in autism spectrum disorders	$560,000	Q4.S.F	University of California, Davis
Controlled trial of sertraline in young children with Fragile X Syndrome	$285,943	Q4.L.A	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	$384,185	Q4.L.D	University of California, Davis
Expanding the reach of toddler treatment in autism	$18,569	Q4.L.D	University of California, Davis
Training Community Providers to Implement an Evidence-Based Early Intervention Program	$149,569	Q4.Other	University of California, Davis
Economic burden of current and future autism	$60,000	Q6.L.D	University of California, Davis
Biological Analysis Core	$121,545	Q7.J	University of California, Davis
Interdisciplinary training for autism researchers	$250,479	Q7.K	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	$110,972	Q7.Other	University of California, Davis
Administrative Core/Leadership	$90,193	Q7.Other	University of California, Davis
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$0	Q2.Other	University of California, Davis Medical Center University of California, Davis
BDNF and the restoration of synaptic plasticity in fragile X and autism	$449,134	Q2.S.D	University of California, Irvine
Cortactin and spine dysfunction in fragile X	$32,875	Q2.S.D	University of California, Irvine
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$0	Q2.Other	University of California, Irvine
Integrative functions of the planum temporale	$432,343	Q2.Other	University of California, Irvine
Predicting the decline of social attention in infants at risk for autism	$179,388	Q1.L.A	University of California, Los Angeles
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	$173,955	Q1.L.A	University of California, Los Angeles
Neural predictors of language function after intervention in children with autism	$181,103	Q1.L.B	University of California, Los Angeles
Validity of an anxious subtype in autism spectrum disorders	$53,270	Q1.L.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Investigation of sex differences associated with autism candidate gene, Cyfip1	$32,413	Q2.S.B	University of California, Los Angeles
The role of Fox-1 in neurodevelopment and autistic spectrum disorder	$145,757	Q2.S.D	University of California, Los Angeles
ACE Center: Neuroimaging signatures of autism: Linking brain function to genes and behavior	$178,857	Q2.S.G	University of California, Los Angeles
ACE Center: Genetic and genomic analyses to connect genes to brain to cognition in ASD	$241,951	Q2.S.G	University of California, Los Angeles
Electrophysiologic biomarkers of language function in autism spectrum disorders	$28,600	Q2.L.B	University of California, Los Angeles
A functional genomic analysis of the cerebral cortex	$486,802	Q2.Other	University of California, Los Angeles
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	$201,838	Q2.Other	University of California, Los Angeles
Genetic models of autism in human neural progenitor cells: a platform for therapeutic discovery	$54,400	Q2.Other	University of California, Los Angeles
Cytoplasmic functions of Rbfox1, a candidate autism gene	$231,000	Q2.Other	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	$385,000	Q2.Other	University of California, Los Angeles
Abnormal connectivity in autism	$15,000	Q2.Other	University of California, Los Angeles
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	$0	Q2.Other	University of California, Los Angeles
Genome-wide expression profiling data analysis to study autism genetic models	$0	Q3.S.A	University of California, Los Angeles
Rapid phenotyping for rare variant discovery in autism	$661,281	Q3.S.A	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	$162,535	Q3.S.D	University of California, Los Angeles
ACE Network: Autism Genetics, Phase II: Increasing representation of human diversity	$3,005,916	Q3.S.D	University of California, Los Angeles
Epigenetic and transcriptional dysregulation in autism spectrum disorder	$748,775	Q3.S.J	University of California, Los Angeles
A genome-wide search for autism genes in the SSC UCLA	$0	Q3.L.B	University of California, Los Angeles
Simons Simplex Collection support grant	$30,000	Q3.L.B	University of California, Los Angeles
Parental age and schizophrenia susceptibility	$308,000	Q3.L.D	University of California, Los Angeles
Anxiety treatment for children with autism and intellectual disability	$27,460	Q4.S.A	University of California, Los Angeles
Mechanism and treatment of ASD related behavior in the Cntnap2 knockout mouse model	$60,000	Q4.S.B	University of California, Los Angeles
Exploring VIPR2 microduplication linkages to autism in a mouse model	$60,000	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	$0	Q4.S.B	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Daily ratings of ASD Symptoms with digital media devices: An initial validity study	$150,000	Q4.S.C	University of California, Los Angeles
Autism Intervention Research Network on Behavioral Health (AIR-B network)	$1,608,284	Q4.S.D	University of California, Los Angeles
1/3-Multisite RCT of early intervention for spoken communication in autism	$515,167	Q4.S.F	University of California, Los Angeles
ACE Network: Adaptive interventions for minimally verbal children with ASD in the community	$2,546,852	Q4.S.G	University of California, Los Angeles
ACE Center: Augmenting language interventions for ASD: A translational approach	$269,087	Q4.L.A	University of California, Los Angeles
ACE Center: Targeting joint engagement in infants at risk for ASD: Integrating treatment with biomarkers	$269,695	Q4.L.B	University of California, Los Angeles
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	$200,372	Q4.L.C	University of California, Los Angeles
Effectiveness of a virtual coach application in social skills training for teens with ASD	$30,000	Q4.L.D	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	$150,000	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	$288,364	Q4.L.D	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	$2,312,083	Q4.Other	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with active control	$369,600	Q4.Other	University of California, Los Angeles
ACE Center: Research Education and Training Core	$220,437	Q7.K	University of California, Los Angeles
ACE Center: Administrative Core	$199,003	Q7.Other	University of California, Los Angeles
ACE Center: Neuroimaging/Neurophysiology Core	$181,369	Q7.Other	University of California, Los Angeles
ACE Center: Diagnostic and Recruitment Core	$225,220	Q7.Other	University of California, Los Angeles
Fast-as -new experimental medicine studies: Fast-fail trials in autism spectrum	$172,388	Q7.Other	University of California, Los Angeles
Successful transition in the early school years for children with autism	$1	Q5.Other	University of California, Riverside
Early Identification of ASD: Translating eye Tracking into Practice	$387,500	Q1.S.B	University of California, San Diego
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	$292,221	Q1.L.A	University of California, San Diego
MRI studies of early brain development in autism	$468,100	Q1.L.A	University of California, San Diego
INT2-Large: Collaborative research: Developing social robots	$0	Q1.Other	University of California, San Diego
Relating copy number variants to head and brain size in neuropsychiatric disorders	$399,146	Q2.S.G	University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Neural basis of cross-modal influences on perception	$163,755	Q2.Other	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	$149,715	Q2.Other	University of California, San Diego
Using fruit flies to map the network of autism-associated genes	$124,996	Q2.Other	University of California, San Diego
Influence of attention and arousal on sensory abnormalities in ASD	$186,000	Q2.Other	University of California, San Diego
Development of the functional neural systems for face expertise	$461,095	Q2.Other	University of California, San Diego
Kinetics of drug macromolecule complex formation	$687,969	Q2.Other	University of California, San Diego
Stimulus preceding negativity and social stimuli in autism spectrum disorder	$28,580	Q2.Other	University of California, San Diego
The role of germline mutation and parental age in autism spectrum disorders	$743,939	Q3.S.C	University of California, San Diego
Mutations in noncoding DNA and the missing heritability of autism	$124,987	Q3.L.B	University of California, San Diego
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	$364,194	Q4.L.D	University of California, San Diego
Wireless EEG system for training attention and eye movement in ASD	$214,722	Q4.Other	University of California, San Diego
Effectiveness and implementation of a mental health intervention for ASD	$627,203	Q5.L.A	University of California, San Diego
Autism and the RASopathies	$0	Q1.S.B	University of California, San Francisco
ERK signaling and autism: Biomarker development	$2,405	Q1.L.B	University of California, San Francisco
Linking circuit dynamics and behavior in a rat model of autism	$0	Q2.S.D	University of California, San Francisco
Role of myelinating cells in autism spectrum disorders	$60,000	Q2.S.G	University of California, San Francisco
A gene-driven systems approach to identifying autism pathology	$249,874	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Core Neuroimaging Support Site	$434,182	Q2.S.G	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$1,142,798	Q2.S.G	University of California, San Francisco
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$417,271	Q2.Other	University of California, San Francisco
Characterizing the regulatory pathways and regulation of AUTS2	$0	Q2.Other	University of California, San Francisco
Deciphering the function and regulation of AUTS2	$0	Q2.Other	University of California, San Francisco
A novel transplantation assay to study human PTEN ASD alleles in GABAergic interneurons	$60,000	Q2.Other	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
Role of negative regulators of FGF signaling in frontal cortex development and autism	$15,000	Q2.Other	University of California, San Francisco
Pathologic and genetic characterization of novel brain cortical patches in young autistic brains	$53,000	Q2.Other	University of California, San Francisco
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	$0	Q2.Other	University of California, San Francisco
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$759,778	Q3.S.A	University of California, San Francisco
Dissecting expression regulation of an autism GWAS hit	$15,000	Q3.L.B	University of California, San Francisco
Quantitative analysis of effect of autism-related genes on behavioral regulation	$0	Q4.S.B	University of California, San Francisco
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	$277,269	Q4.S.B	University of California, San Francisco
Effect of abnormal calcium influx on social behavior in autism	$62,500	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	University of California, San Francisco
Internet-based trial of omega-3 fatty acids for autism spectrum disorder	$0	Q4.S.C	University of California, San Francisco
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	$29,500	Q2.L.B	University of California, Santa Barbara
Training paraprofessionals to provide appropriate social opportunities for children with ASD	$9,296	Q5.L.C	University of California, Santa Barbara
The UC Davis Center for Children's Environmental Health and Disease Prevention	$1,660,178	Q3.L.D	University of California - Davis
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$273,772	Q1.L.B	University of California San Diego
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	$359,738	Q1.L.A	University of North Carolina
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Southern California
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	$0	Q2.S.A	University of Southern California
Factors influencing early associative learning as a precursor to social behavior heterogeneity	$54,500	Q2.S.G	University of Southern California
HCC:Small:Computational studies of social nonverbal communication	$0	Q2.Other	University of Southern California
Biology of non-coding RNAs associated with psychiatric disorders	$430,144	Q2.Other	University of Southern California

Project Title	Funding	Strategic Plan Objective	Institution
Function and structure adaptations in forebrain development	$520,098	Q2.Other	University of Southern California
Perinatal exposure to airborne pollutants and associations with autism phenotype	$149,737	Q3.S.C	University of Southern California
Non-coding RNAs in autism	$246,000	Q3.Other	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	$8,000	Q4.Other	University of Southern California
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	$469,826	Q5.L.A	University of Southern California
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	$299,965	Q5.L.A	University of Southern California
Engineering and Autism Workshop	$0	Q7.K	University of Southern California
Regressive autism as an infectious disease: Role of the home as an environmental factor	$0	Q3.S.I	VA Medical Center, Los Angeles
Development of a novel biomarker test for autism risk screening	$363,789	Q1.S.A	Xen Biofluidx, Inc.